
Alaska Telephone Association

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Christine O'Connor
Executive Director

November 22, 2016

Ms. Marlene Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Room TW-A325
Washington, DC 20554

RE: Ex parte filing in WC Docket No. 16-271

Dear Ms. Dortch:

Alaska Telephone Association member companies submit additional information in the attached performance obligations detailing improvements in fixed broadband service which will be accomplished under the provisions of the Alaska Plan Order.

Pursuant to Section 1.1206 of the Commission's rules, this ex parte letter is being filed via ECFS in WC Docket 16-271.

Respectfully submitted,

Via ECFS 11/22/2016

Christine O'Connor
Executive Director

cc: Alexander Minard
Jesse Jachman

Alaska Infrastructure Fund Performance Obligations

Bush-Tell, Inc.

Note 1

Note 2

Middle Mile Facility	Speed to End User	Locations Passed 12/31/2015	Locations At Benchmark 12/31/2015	Locations At Benchmark Year 5	Locations At Benchmark Year 10
Satellite	1Mb/256k				
Microwave	6Mb/1Mb	1,109	83%	83%	83%
Fiber	10Mb/1Mb				
Fiber	25Mb/3Mb				

Note 1: Residential speeds.

Note 2: Locations passed in ILEC's network as of 12/31/2015.

Note 3: Year 1 is 2017

Bush-Tell Inc's last mile network is capable of delivering higher broadband speeds but is limited by the middle mile network. We will continue to upgrade our last mile network with fiber deployment and are prepared to offer higher speeds to end users when middle mile availability permits.

Bush-Tell will start deploying fiber farther into the network to decrease loop lengths. Bush-Tell's largest community will be deployed first which will take approximately 5 years to complete. Once this build-out is completed we will start deploying fiber throughout the rest of our service area. This fiber build-out will allow Bush-Tell to easily deploy fiber to the premise in the future and will also place Bush-Tell in a position to provide faster broadband offerings as middle mile rates and availability improve.

Villages within Bush-Tell's Study Area are between 71 and 185 miles from the nearest Middle Mile Facilities (Aniak - 92, Anvik - 130, Crooked Creek - 120, Grayling - 156, Holy Cross - 117, Kalskag - 71, Red Devil - 162, Shageluk - 149, Sleetmute - 165 and Stony River - 185). The cost to reach and utilize these facilities is so cost prohibitive Bush-Tell is currently reselling the services of the utility that owns the middle mile in question. Without this arrangement Bush-Tell would not be deploying broadband in any of our exchanges. Rates are assumed to be \$328.99 and include 100GB of usage allowance as of November 21, 2016. Rates are expected to increase a minimal amount once 150GB usage allowance is offered. When cost and/or capacity of middle mile changes, rates and usage allowances will be re-evaluated and adjusted as appropriate.

Bush-Tell will continue to investigate alternative options to access middle mile as they become available.

Alaska Plan Performance Plan

Cordova Telephone Cooperative

Note 1

Note 2

		Base Locations 12/31/15	% At Or Above Benchmark 12/31/15	# At Or above Benchmark 12/31/15	% At Or Above Benchmark Year 5	# At Or Above Benchmark Year 5	% At Or Above Benchmark Year 10	# At Or Above Benchmark Year 10
Middle Mile Facility	Speed to End User							
Satellite	1Mb/256k							
Hybrid Microwave-Fiber	4Mb/1Mb							
Fiber	10Mb/1Mb	850	100%	850	100%	850	100%	850
Fiber	25Mb/3Mb	850	98%	833	100%	850	100%	850
Fiber	50Mb/5Mb	850	50%	425	80%	680	100%	850
Fiber	100Mb/5Mb	850	0%	-	50%	425	100%	850

Note 1: Residential speeds.

Note 2: Locations passed in ETC's network as of 12/31/15.

Note 3: Year 1 is 2017.

Alaska Infrastructure Fund Performance Obligations

Interior Telephone Company

Note 1

Note 2

Note 3

Middle Mile Facility	Speed to End User	Base Locations 12/31/2015	Locations At Benchmark at 12/31/15	Locations At Benchmark Year 5	Locations At Benchmark Year 10
Satellite	1Mb/256k	2,518	95%	95%	95%
Hybrid Microwave-Fiber	4Mb/1Mb		0%	0%	0%
Fiber	10Mb/1Mb	2,835	0%	57%	51%
Fiber	25Mb/3Mb		0%	23%	47%

Note 4

Middle Mile Facility	Speed to End User	Usage Allowance	Benchmark Price
Satellite	1Mb/256k	12 Gb	\$ 194.90
Fiber	4Mb/1Mb	150 Gb	\$ 155.00

Note 1: Residential speeds.

Note 2: Base Locations in ETC's network as of 12/31/15. Source is 2010 US Census

Note 3: Year 1 is 2017

Note 4: Interior Telephone Company offers broadband service in areas where reasonably priced Fiber middle mile is available and areas where only Satellite middle mile is available. Broadband benchmark speeds and pricing as provisioned over each type of middle mile are provided as of Year 1 - 2017. Pricing is subject to access to affordable middle mile facilities .

Alaska Infrastructure Fund Performance Obligations

Mukluk Telephone Company, Inc

Note 1

Note 2

Note 3

Middle Mile Facility	Speed to End User	Locations Passed 12/31/2015	Locations At Benchmark at 12/31/15	Locations At Benchmark Year 5	Locations At Benchmark Year 10
Satellite	1Mb/256k	2,628	95%	95%	95%
Hybrid Microwave-Fiber	4Mb/1Mb				
Fiber	10Mb/1Mb				
Fiber	25Mb/3Mb				

Note 4

Middle Mile Facility	Speed to End User	Usage Allowance	Benchmark Price
Satellite	1Mb/256k	12 Gb	\$ 194.90

Note 1: Residential speeds.

Note 2: Base Locations in ETC's network as of 12/31/15. Source is 2010 US Census

Note 3: Year 1 is 2017

Note 4: Mukluk Telephone Company, Inc. offers broadband service via Satellite middle mile. Benchmark speeds and price for broadband service as provisioned over Satellite in Year 1 - 2017 are provided. Pricing is subject to access to affordable middle mile facilities.

Alaska Plan Performance Obligation

Matanuska Telephone Association

Note 1

Note 2

		Locations Passed 12/31/2015	Number of Locations At Benchmark 12/31/2015	Percentage of Locations At Benchmark 12/31/2015	Number of Locations At Benchmark Year 5	Percentage of Locations At Benchmark Year 5	Number of Locations At Benchmark Year 10	Percentage of Locations At Benchmark Year 10
Middle Mile Facility	Speed to End User							
Satellite	1Mb/256k							
Hybrid Microwave-Fiber	4Mb/1Mb							
Fiber	10Mb/1Mb	48,766	35,723	73%	19,078	39%	8,526	17%
Fiber	25Mb/3Mb				25,045	51%	39,040	80%

Note 1: Residential speeds.

Note 2: Locations passed in ETC's network as of 12/31/15.

Note 3: Year 1 is 2017

Note 4: Locations are based on known locations

10/1 Mbps Usage: 150 GB Price: \$55

Reforms to the Alaska Universal Service Fund could impact the results

Alaska Infrastructure Fund Performance Obligations

Nushagak Telephone Cooperative

	Note 1	Note 2			
Middle Mile Facility	Speed to End User	Locations Passed 12/31/2015	Locations At Benchmark 12/31/2015	Locations At Benchmark Year 5	Locations At Benchmark Year 10
Satellite	1Mb/256k				
Microwave	6Mb/1Mb	1,217	83%	95%	99%
Fiber	10Mb/1Mb				
Fiber	25Mb/3Mb				

Note 1: Residential speeds.
Note 2: Locations passed in ILEC's network as of 12/31/2015.
Note 3: Year 1 is 2017

Rates are currently set at \$160.98 and include 40GB of usage allowance as of November 21, 2016. When cost and/or capacity of middle mile changes, rates and usage allowances will be re-evaluated and adjusted as appropriate.